

$\lim \frac{\beta}{\alpha} = 0$   $\beta$ 是 $\alpha$ 的高阶无穷小

$\lim \frac{\beta}{\alpha} = \infty$  低阶

$\lim \frac{\beta}{\alpha} = C (C \neq 0)$  同阶

$\lim \frac{\beta}{\alpha} = C = 1$  等价无穷小

$\lim \frac{\beta}{\alpha^k} = C$   $k$ 阶无穷小

